

CONFIDENTIAL – DRAFT DOCUMENT

EPA's transmittal of these comments to the State is intended to convey our technical considerations only and should not be construed as setting forth any position regarding the exterior boundaries of the Wind River Reservations or the exercise of State authorities in this area.

**EPA-PROPOSED ANALYTES—EXISTING DATA ON PRESENCE IN DOMESTIC WELLS AND GROUNDWATER**

Chemical	MCL (ug/L)	EPA RSL (ug/L) <sup>1</sup>	Max concentration in shallow GW <sup>2</sup> (ug/L)	Max concentration in deep GW <sup>3</sup> (ug/L)	Number of listed wells <sup>4</sup> exceeding MCL	Number of listed wells <sup>5</sup> exceeding RSL
Benzene	5	0.39	390	(Ph IV) 250		2 (LD02, 43)
Bis (2-ethylhexyl) phthalate	6	4.8	28.8	(Ph V) 3.52	3 (20, 41, 42)	4 (05, 20, 41, 42)
2,4-Dimethylphenol		270	39	(Ph IV) 46.3		
Ethylbenzene	700	1.3	93	(Ph V) 101		
2-Methylphenol		720	4.8	(Ph V) 22.2		
3-Methylphenol		720	12.8	(Ph V) 39.8		
2-Methylnaphthalene		27	74	(Ph V) 5.52		
Napthalene		0.14	179	(Ph V) 4.78		1 (43)
Toluene	1000	860	.61	(Ph V USGS) 690		
Xylenes	10000	190	152.2	(Ph V USGS)1260		
DRO/GRO		200 <sup>6</sup>	62000 DRO 2720 GRO	(Ph IV) 4150 DRO (Ph V USGS)6800 GRO		1 (43 for DRO)
TOTAL WELLS EXCEEDING					3	6

<sup>1</sup> Note that RSLs are exceeded for 7 of the 10 constituents in either shallow or deep groundwater monitoring wells.

<sup>2</sup> From EPA Phase II sampling of three VRP pit monitoring wells

<sup>3</sup> From EPA Phase III-V sampling- USGS denotes value from USGS replicate sample collected from MW02.

<sup>4</sup> From among the fifteen sample IDs listed in Wyoming proposal (representing 14 domestic/irrigation/stock wells)

<sup>5</sup> From among the fifteen sample IDs listed in Wyoming proposal (representing 14 domestic/irrigation/stock wells)

<sup>6</sup> EPA ESL does not exist; value is screening level from ATSDR Evaluation of Contaminants in Private Residential Well Water, Pavillion, Wyoming, 2010